



RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 1725

Navy Case No. 82,627

PATENTS

AF/1725

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Corres. and Mail

Louis F. Aprigliano et al.

BOX AF

Serial No. 09/656,017

: Group Art Unit: 1725

Filed: Sept. 7, 2000

: Examiner: K. Lin

For: METHOD OF PRODUCING CORROSION  
RESISTANT METAL ALLOYS WITH  
IMPROVED STRENGTH AND DUCTILITY

: Confirmation No. 2288

AMENDMENT UNDER RULE 116

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the final Office action dated July 30, 2002, a proposed amendment of the above identified application is submitted herewith pursuant to 37 CFR 1.116. Also, reconsideration is requested for reasons hereinafter pointed out.

CLEAN VERSION OF AMENDMENTS

TO THE CLAIMS

Cancel claims 1, 2, 3, 7 and 8 without prejudice.

Rewrite claim 9 as follows:

9. In a method of coating a surface with a ductile alloy; the improvement residing in: casting onto said surface a molten stream exclusively limited to: a corrosion-resisting material constituting between 48% and 52% of the ductile alloy undergoing heating during said casting for increase in strength thereof and a base metal; and selecting an inert cover gas to atomize the molten stream into a spray of droplets for deposit onto the surface thereby effecting said increase in strength of the ductile alloy during said casting from a yield strength of less than 145 ksi.

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